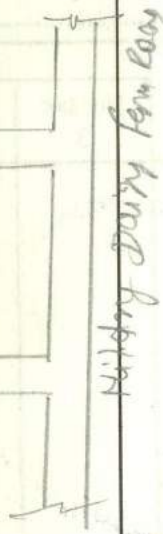
REMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
			NIL NOTTO SCALE	



BR - 261 / 1-8-14

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192130

Serial No. 1st and final Bill. RLD. 30/7/14.

Name of work. Improvement to Road from ward no 7 By to Narayanapura in

Name of Contractor of nature of Agency. Sanjeevini enagar. Est Cost Rs 29.00 Lakh

Date of commencement of work. Job No 007-13-000030.

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	AS NO: JC(y) AS NO/886/12-13						
	TS NO: EE/BTP/TS NO/69/12-13						
	Agency: KRIDL						
	W.O NO: EE/BTP/W.O/333/12-13						
	Agg NO: EE/BTP/Agg NO/333/12-13						
(1)	Earth work Excavation for foundations of building culverts W/S and sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width in 0.3 cft not exceeding 1.5m etc complete as per specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Culverts	1	20.0	2.0	1.50	60.0 cum	
		@Rs 135/ cum				Rs 8100=00	
2)	providing and laying P.C.C of M.75 with OPC @ 180 kgs with 40mm and down size graded granite material Coarse aggregate of 0.85 cum and fine aggregate machine mixed etc complete as per specification.	1	20.0	2.0	0.450	6.00	
		@Rs 3884.76/cum				Rs 23,309=00	
3)	providing and constructing S.S.M in foundation C.M 1:6 stone hammer dressed in coarse not less than 20 cm beds stone etc complete as per specification.	2	20.0	0.45	1.20	21.60 cum	
		@Rs 2761.56/cum				Rs 59,650=00	

M.A.R. 57 (
Measurem

Serial No.....

Name of work.....From.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Di	
		Number	Lengt
1	2	3	4
4)	providing flush pointing to coar CM 1:3 20mm after raking joints dusting etc complete as per specifica	2	20.0
		@Rs 71.39/sqmt	
5)	providing and laying in PC of M and down size graded granite m Coaping	2	20.0
		@Rs 3.60 cmtr	

EASUREMENT BOOK

Dimensions				Contents	Reference to last Measurement
umber 3	Length 4	Breadth 5	Depth 6	7	8
1	20.0	2.0	1.50	60.0 cft	
@Rs 135/ cft				Rs 8100=00	
ing p.c.c of M.75. with opc @ 180 kgs					
on size graded granite material					
0.85 Cum and fine aggregate machine					
per specification.					
1	20.0	2.0	0.50	6.00	
Rs 3884.76/ cmt				Rs 23,309=00	
uching R.C.C in foundation C.M 1:6					
in coarse not less than 20 cm					
ete as per specifications.					
2	20.0	0.45	1.20	21.60 cm	
1.56/ cft				Rs 53,650=00	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192131

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
4)	providing flank pointing to coarse Rubble Masonry with CM 1:3 20mm after Raking joints in depth 20mm initially						
	finishing etc complete as per specifications	2	20.0	1.20	—	48.0 sqft	
	@Rs 71.39/ sqmt					Rs	3427=00
5)	providing and laying in Pcc of Mix 15 with Cement Mortar 20mm and down size graded granite metal Coarse aggregate						
	Coaping	2	20.0	0.60	0.15	3.60 cm	
	@Rs 3.60 cmt	@Rs 4409.64/ cmt				Rs	15875=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6)	providing and Removing centering Shuttering proofing etc and Removal of form works of Plain Surface such as Suspended material etc complete as per Specification	2	20.0	0.60	-	24.00 Sqm	Rs 7569=00
	@Rs 315.36/Sqm						
7)	providing and laying concrete using 20mm and down size graded granite fine aggregate of R.M.C of RCC works laid in 15cm thick etc complete as per Specification	1	20.0	1.80	0.23	8.28 Cum	Rs 46697=00
	@Rs 5039.79/Cum						
8)	providing TMT Steel Reinforcement for RCC Works including Straightening Cutting bending hooking placing in position lapping etc complete as per Specification						

M.A.R. 57 (

Measureme

Serial No.....

Name of work.....From.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Di	
		Number	Lengt
1	2	3	4
	Qty Recorded in this MB vide P		
	Qty 798 Kgs (or) 7.98 Quintal		
	@Rs 4323.48/Qu		
9)	providing spreading and Compa		
	stone aggregate to wet Mix Macad		
	per Mixing the Materials with Wate		
	plant etc complete as per Specifica		
		1	330.
		1	185.

SUREMENT BOOK

Dimensions				Contents	Reference to last Measurement
er	Length 4	Breadth 5	Depth 6	7	8
ing centering Shuttering					
& from cores of Floor Sintaes					
te complete as per Specification					
	20.0	0.60	-	24.00 Sq.m	
				Rs 7569=00	
.36/Sq.m					
concrete using 20mm and					
ick fine aggregate & R.M.C &					
tion etc complete as per Specification					
	20.0	1.80	0.23	8.28 Cu.m	
				Rs 46697=00.	
.79/cubic					
Reinforcement for Rcc-works					
ing cutting bending hooking					
lapping etc complete as per					

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192132

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Qty Recorded in this MB vide p. No 192169						
	Qty 798 Kgs @ 7.98 Quintal limit to 7.45 Quintal						
	@ Rs 7323.48/Quintal					Rs	54,560=00
9	providing spreading and compacting graded granite						
	stone aggregate to wet Mix Macadam specification including						
	pre Mixing the Materials with water one in Macadam Mix						
	plant etc complete as per Specification.						
		1	330.0	3.50	0.30	346.50	
		1	185.0	10.0	0.20	370.00	
					To fully	716.50 Cu.m	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							Rs 75,917=00
	@ Rs 1059.4 0/cubic						
10)	providing applying tow coat on Granular surface treated with primer at 7.5 kg. heated bitumen @ boiling filled with spray etc complete						
		1	330.0	3.50	—	1155.00	
		1	185.0	10.0	—	1850.0	
					Totally	3005.0	
							Rs 59066=00
	@ Rs 19.66/Sqmt						
11)	providing SDBC Concrete 30 mm thick with 10 - 120 batch type producing an Avg output 75 T. per hour using Crushed aggregate & Specified grading pre Mixed with bitumen etc Complete as per specification etc complete as per specification.						
		1	30.0	3.5	0.03	3.15 cmt	

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
		1
		1
		1
		1
		1
		1
		1
		1
		1
		1

UREMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
/cubs			Rs 75,9117=00	
Coat on Granular Surface				
ry. heated bitumen @ boiler				
rete				
330.0	3.50	—	1155.00	
185.0	10.0	—	1850.0	
		Totally	3005.0	
60/sqmt			Rs 59066=00	
30mm thick with 10 - 12				
ing output 75T. per hour				
@ specified grading pre				
mplete as per specification				
cation.				
30.0	3.5	0.03	3.15cmt	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192133

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	30.0	3.50	0.03	3.15cmt	
		1	30.0	3.50	0.03	3.15	
		1	30.0	3.50	0.03	3.15	
		1	30.0	3.50	0.03	3.15	
		1	30.0	3.50	0.03	3.15	
		1	30.0	3.50	0.03	3.15	
		1	30.0	3.50	0.03	3.15	
		1	30.0	3.50	0.03	3.15	
		1	30.0	3.50	0.03	3.15	
		1	30.0	3.50	0.03	3.15	
		1	30.0	3.50	0.03	3.15	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.0	10.0	0.03	9.0	
		1	30.0	10.0	0.03	9.0	
		1	30.0	10.0	0.03	9.0	
		1	30.0	10.0	0.03	9.0	
		1	30.0	10.0	0.03	9.0	
		1	30.0	10.0	0.03	9.0	
		1	5.0	10.0	0.03	1.50	
					Totally	90.15 Cu	
	@ Rs 9138.96/Cum					Rs 8,23,877-00	
12)	Earth work Excavation by Mechanical Means in ordinary soil involving an Avg horizontal through upto 2 mts and an Avg lift upto Excavated Surface ch						

C&FC
1/8/2014

M.A.R. 5
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Serial No.....

Name of work.....From.

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	Complete as per specifications	
Drain	Drains	2
		2
	@ Rs 58.	
13)	Removing of B.S slabs and	
	Qty Recorded in this MB	
	Qty = 891.00 Sqft @ Rs	

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8
.0	10.0	0.03	9.00	
.0	10.0	0.03	9.0	
.0	10.0	0.03	9.0	
.0	10.0	0.03	9.0	
.0	10.0	0.03	9.0	
.0	10.0	0.03	9.0	
.0	10.0	0.03	1.50	
		Totally	90.15 cum	
			Rs 8,23,877-00	
b/cum				
Measured Mean in Soil				
tal through up to 2mt				
vated Surface Ch				

C&FC 4/8/2014

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192134

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Complete as per Specification						
Drain	Drains	2	220	0.45	0.30	59.40 cum	
		2	110.1	0.45	0.30	29.70	
					Totally	89.10 cum	
	@ Rs 58.32/cum					Rs	5196-00
18)	Removing of B.S Slab and stacking						
	Qty Recorded in this MB vide P.No 192169.						
	Qty = 891.00 Each @ Rs 44.47/Each					Rs	39623-00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
14)	Re fixing of granite slab of drains						
		2	220.0	1.35	—	594.00 Rm	
		2	78.0	1.35	—	210.60	
					totally	804.60 Rm	
						Rs 50,519=00	
	limit to 801.90 Rmt @ 63/Rmt						
15)	providing granite slab of selected quality of Roughly dressed etc complete as per specifications						
		2	35.0	1.35	—	94.50 Rm	
						Rs 28099=00	
	limit to 89.10 Rmt @Rs 315.36/Rm						
16)	Lead disposal shall be payable at Carriage Rates by Mechanical Means etc complete as per specifications						
	Qty is same as	item NO (1) & (2)					
		89.90+60 = 149.10 cmt					

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Serial No.....

Name of work.....F

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	@Rs 84.0/cmt	
	10% KSRTDC charges 1% Flood cess on both Rep	
	certificate: The above Lea BBMP limit,	
	check the qty all items D.K	

ENT BOOK

Dimensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
	drains			
0	1.35	—	594.00 Rs	
	1.35	—	210.60	
		Totally	804.60 Rs	
			Rs 50,519=00	
	Collected Quality of			
	lete as per Specifications			
0	1.35	—	94.50 Rs	
			Rs 28099=00	
	315.36/Rs			
	gable at Coverage Rates			
	mplete as per Specifications			
	(1) & (2)			
	60 = 149.10 cut			

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 192135

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	(1) & 81.0/cut					Rs	12,077=00
	10% ISAIDC charges					Totally	19,96,703=00
	1% Flood Fund Cess Public Rep						1,99,670=00
							19,967=00
							2216,340=00
	Certificate: The above said work is done at BBMP limit, and work is Satisfactory					Rs JE T.I. 30/7/14.	
	checked & found all items are correct					Rs JE T.I. 30/7/14.	
	D. K. Nadha Kollar JE 30/7/14						

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions					Reference to last Measurement
		Number	Length	Breadth	Dep		
1	2	3	4	5	6		8
		221635 =			II — 44327 —		
		331289 =			[illegible] — 886514		
					Rs — 144063 —		
		1884566 =			[illegible] 22164		
					[illegible] 2216 —		
					Roy — 30368 —		
					331785 =		

Krishnafoods [illegible]

M.A

M

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Numbe
1	2	3